**Periodic Table Worksheet**

**Name:**

**Period:**

**Directions: Answer each sentence completely. You can use the Periodic Table and your notes to guide you in answering the questions.**

1. What are groups on the Periodic Table? How are all the elements in a group related?
2. What are periods on the Periodic Table?
3. Which elements are considered alkali metals and why are they called alkali metals?
4. Which elements are considered alkaline earth metals and why are they called alkaline earth metals?
5. Which groups make up the transition metals? What is special about the transition metals?
6. Which elements are called rare earth metals? Why are they called that? What is another name for the rare earth metals?
7. Which elements make up the halogens and why are they called halogens?
8. Which elements are the noble gases and why are they called noble gases?
9. Which elements are the metalloids or semi-metals? What makes them so special?
10. Why don’t the symbols for some of the elements match their names?